

DERWENT- 1978-11120A

ACC-NO:

DERWENT- 198123

WEEK:

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TITLE: Sulphate corrosion resistant cement compsn. comprising Portland cement mixed with calcium fluoride and calcium sulphate

PATENT-ASSIGNEE: CHICHIBU CEMENT KK [CHCH]

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
JP 52154833 A	December 22, 1977 JA	
JP 81019302 B	May 7, 1981 JA	

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP 52154833A	N/A	1976JP-070419	June 17, 1976

INT-CL-

CURRENT:

TYPE	IPC	DATE
CIPP	C04 B	7/02 20060101
CIPS	C04 B	7/04 20060101
CIPS	C04 B	7/345 20060101

ABSTRACTED-PUB-NO: JP 52154833 A

BASIC-ABSTRACT:

Cement raw material having a compsn. of 2.00-2.20 of hydraulic modulus (HM) 2.3-3.0 of silica modulus (SM) and 1.0-2.0 of iron modulus (IM) is mixed with 0.5-2 wt.% of fluorspar and 3-8 wt.% of gypsum and burned at >1300 degrees C. The obtd. clinker is pulverised with or without the addn. of gypsum.

Material can be used where sulphate corrosion is a problem.

The raw material of Portland cement can be used and it can be burned at low temp. Cement has high early strength.

TITLE- SULPHATE CORROSION RESISTANCE CEMENT COMPOSITION COMPRISE
TERMS: PORTLAND MIX CALCIUM FLUORIDE

DERWENT-CLASS: C04 L02

CPI-CODES: C05-A01B; C05-B02A5; C12-N09; L02-C02;

CHEMICAL-CODES: Chemical Indexing M2 *01* Fragmentation Code B115 B701
B713 B720 B815 B819 B831 C101 C108 C800 C802 C804 C805
C807 M411 M720 N000 P111 P112

Chemical Indexing M2 *02* Fragmentation Code A220 A940
C009 C100 C730 C801 C803 C804 C805 C806 C807 M411 M720
N000

Chemical Indexing M2 *03* Fragmentation Code A200 A220
A940 A990 C000 C009 C100 C730 C801 C803 C804 C805 C806
C807 M411 M720 N000